

Amendments to the Claims

Please cancel Claim 1 ; and replace it with claims 2 through 14, as set forth in the listing of claims that follows: This amendment cancels 1 independent claims and adds 2 independent claims, so that the total number of independent claims and dependent claims are within the original number allowed by the filing fee. No fee is calculated for the amendment.

Please add claims 2 through 14 as follows:

2. (New) A portable vibratory concrete screed comprising:
 - (a) a screed blade,
 - (b) a blade adapter assembly attached to the screed blade,
 - (c) a power platform assembly attached to the blade adapter assembly,
 - (d) a handle bar assembly attached to the power platform assembly,
 - (e) a vibrator cartridge assembly attached to the blade adapter assembly, the vibrator cartridge assembly also being attached to the power platform assembly,
 - (f) wherein the power platform assembly operates the screed blade and imparts vibration onto the screed blade.
3. (New) A portable vibratory concrete screed according to claim 2 wherein the handle bar assembly is adjustable.
4. (New) A portable vibratory concrete screed according to claim 3 wherein the portable vibratory concrete screed further comprises a plurality of vibration isolators, the plurality of vibration isolators separating the blade adapter assembly from the power platform assembly.
5. (New) A portable vibratory concrete screed according to claim 4 wherein the power platform assembly further comprises:
 - a. a motor,
 - b. a motor mount body having two ends comprising an upper end and a lower end, the lower end of the motor mount body being attached to the motor,
 - c. a drive shaft located within the motor mount body,
 - d. a drive connector connected to the drive shaft,
 - e. a drive joint connected to the drive connector, and
 - f. means for attaching the power platform assembly to the vibrator cartridge assembly.
6. (New) A portable vibratory concrete screed according to claim 5 wherein the means for attaching the power platform assembly to the vibrator cartridge assembly further comprises a

flex joint, the flex joint being connected to the drive joint within the power platform assembly, the flex joint also being connected to the vibrator cartridge assembly.

7. (New) A portable vibratory concrete screed according to claim 5 wherein the blade adapter assembly further comprises
 - a. a flat plate having two surfaces, a top surface and a bottom surface,
 - b. an adapter bracket attached to the bottom surface of the flat plate,
 - c. wherein the screed blade is attached to the adapter bracket.
8. (New) A portable vibratory concrete screed according to claim 7 wherein the vibrator cartridge assembly further comprises
 - a. a bearing housing,
 - b. a plurality of bearings located within the bearing housing,
 - c. a drive joint located within the bearing housing, the drive joint rotating upon the plurality of bearings,
 - d. a vibrator drive shaft having two ends, a first end and a second end, wherein the first end of the vibrator drive shaft is attached to the drive joint,
 - e. a plurality of adjustable eccentric weights attached to the second end of the vibrator drive shaft,
 - f. a plurality of fixed eccentric weights attached to the second end of the vibrator drive shaft,
 - g. an eccentric cover that covers the bearing housing, the eccentric cover further covering the drive joint, the eccentric cover further covering the vibrator drive shaft, the eccentric cover further covering the plurality of adjustable eccentric weights, the eccentric cover further covering the plurality of fixed eccentric weight,
 - h. an eccentric cover mount that is attached to the eccentric cover, the eccentric cover mount also being connected to the power platform assembly,
 - i. wherein the flex joint is attached to the drive joint.
9. (New) A portable vibratory concrete screed according to claim 8 wherein the vibrator cartridge assembly further comprises a sealing ring, the sealing ring being used to prevent foreign objects from entering in the vibrator cartridge assembly or the power platform assembly.
10. (New) A portable vibratory concrete screed according to claim 9 wherein the handle bar assembly further comprises:
 - a. an upper cross bar having two ends, a first end and a second end,
 - b. a pair of handle bar grips comprising a first handle bar grip and a second handle bar grip, the first handle bar grip being connected to the first end of the upper

cross bar, the second handle bar grip being connected to the second end of the upper cross bar.

- c. a pair of handle bar mid-sections comprising a first handle bar mid-section and a second handle bar mid-section, each of the handle bar mid-sections having two ends, a top end and a bottom end, the top end of the first handle bar mid-section being connected to the first end of the upper cross bar, the top end of the second handle bar mid-section being connected to the second end of the upper cross bar,
- d. a lower crossbar having two ends, a first end and a second end, the first end of the lower crossbar being connected to the bottom end of the first handle bar mid-section, the second end of the lower crossbar being connected to the bottom end of the second handle bar mid-section,
- e. a pair of base tubes comprising a first base and a second base tube, each of the base tubes having two ends, a top end and a bottom end, the top end of the first base tube being connected to the first end of the lower crossbar, the top end of the second base tube being connected to the second end of the lower crossbar,
- f. a pair of attachment plates comprising a first attachment plate and a second attachment plate, the first attachment plate being connected to the second end of the first base tube, the second attachment plate being connected to the second end of the second base tube,
- g. means for attaching each attachment plate to the power platform assembly.

(New) A portable vibratory concrete screed according to claim 9 wherein the handle bar assembly further comprises:

- (a) a pair of fixed hand knuckles comprising a first fixed hand knuckle and a second fixed hand knuckle, the first fixed hand knuckle being located on the first handle bar grip, the second fixed hand knuckle being located on the second handle bar grip,
- (b) a pair of adjustable hand knuckles comprising a first adjustable hand knuckle and a second adjustable hand knuckle, the first adjustable hand knuckle being located on the first end of the upper cross bar, the second adjustable hand knuckle being located on the second end of the upper cross bar, each adjustable hand knuckle further comprising a plurality of adjustment holes,
- (c) a plurality of locking pins, wherein at least two locking pins are attached to each fixed hand knuckles,
- (d) a pair of handle clamp tops comprising a first handle clamp top and a second handle clamp top,

Crossley Patent Law
Atty Dkt No. 04-01-07PA

Page 4 of 6

Inventor-Breeding
Application Number-10/753,299

Rule
1.121

- (e) a pair of handle clamp bases comprising a first handle clamp base and a second handle clamp base,
- (f) wherein the locking pins on the first fixed hand knuckle are inserted through holes located on the first adjustable handle knuckle, and further wherein the locking pins on the second fixed hand knuckle are inserted through holes located on the second adjustable handle knuckle,
- (g) further wherein the first handle clamp top and the first handle clamp base are adjustably attached to the first fixed hand knuckle and the first adjustable hand knuckle after the first fixed hand knuckle and the first adjustable hand knuckle have been placed in contact with each other, and
- (h) further wherein the second handle clamp top and the second handle clamp base are adjustably attached to the second fixed hand knuckle and the second adjustable hand knuckle after the second fixed hand knuckle and the second adjustable hand knuckle have been placed in contact with each other.

12
11. (New) A portable vibratory concrete screed according to claim 10 wherein the screed blade further comprises:

- (a) an upper portion,
- (b) a lower portion attached to the upper portion, the lower portion including a top surface, the lower portion also including a finishing surface, the lower portion also including a cutting edge, the lower portion also including a trailing edge, and
- (c) a plurality of gussets located on the top surface of the screed blade.

13
12. (New) A portable vibratory concrete screed according to claim 10 wherein the screed blade comprises a Multi-Quip style screed blade.

14
13. (New) A portable vibratory concrete screed according to claim 10 wherein the screed blade comprises a Vibra-Strike style screed blade.

15
14. (New) A portable vibratory concrete screed according to claim 10 wherein the screed blade comprises a Weber style screed blade.